

MOSER
PATTERSON &
SHERIDAN, LLP

ATTORNEYS AT LAW

20
3040 Post Oak Blvd, Suite 1500
Houston, TX 77056-6582
TEL 713.623.4844
FAX 713.623.4846
[www.MPSLLP.COM](http://MPSLLP.COM)

FACSIMILE COVER SHEET

DATE: November 3, 2003
FILE NO: AMAT/4714.P1/TCG/WCVD/RKK
TO: Examiner: David Zarneke
FAX NO: 703-746-3876
PHONE NO: 703-305-3926
COMPANY: USPTO
FROM: Keith M. Tackett
PAGE(S) with cover: 11
ORIGINAL TO FOLLOW? YES NO

RECEIVED

NOV 03 2003

TECHNOLOGY CENTER 2800
SPECIAL PROGRAM CENTER

COURTESY COPY

PETITION TO WITHDRAW ABANDONMENT

TITLE: Method and Apparatus for Depositing Refractory Metal Layers Employing Sequential Deposition Techniques to Form Nucleation Layer
U.S. SERIAL NO.: 09/678,266
FILING DATE: October 3, 2000
INVENTOR: Kori, et al.
EXAMINER: David Zarneke
GROUP ART UNIT: 2827
CONFIRMATION NO.: 4642

CONFIDENTIALITY NOTE

The document accompanying this facsimile transmission contains information from the law firm of Moser, Patterson & Sheridan, L.L.P. which is confidential or privileged. The information is intended to be for the use of the individual or entity named on this transmission sheet. If you are not the intended recipient, be aware that any disclosure, copying, distribution or use of the contents of this faxed information is prohibited. If you have received this facsimile in error, please notify us by telephone immediately so that we can arrange for the retrieval of the original documents at no cost to you.

233920_1

COPYPATENT
Amy. Docket No. AMAT/4714.P1/TCG/WCVD/BG

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Kori, et al.

Serial No.: 09/678,266

Confirmation No.: 4642

Filed: October 3, 2000

For: METHOD AND APPARATUS FOR
DEPOSITING REFRACTORY METAL
LAYERS EMPLOYING SEQUENTIAL
DEPOSITION TECHNIQUES TO
FORM NUCLEATION LAYER§
§ Group Art Unit: 2827§
§ Examiner: Zarmeke, DavidBox DAC
Commissioner for Patents
Washington, D.C. 20231

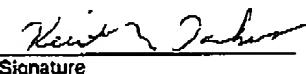
Dear Sir:

RECEIVED

NOV 03 2003

TECHNOLOGY CENTER 2800
SPECIAL PROGRAM CENTERCERTIFICATE OF MAILING
37 CFR 1.8I hereby certify that this correspondence is being deposited on
02/04/2003 in the United States Postal Service
as First Class Mail in an envelope addressed to:
Commissioner for Patents, Box DAC, Washington, D.C.
20231.

02/04/03



Date

Signature

PETITION TO WITHDRAW ABANDONMENT UNDER 37 C.F.R. § 1.181

Applicants petition that the abandonment entered on January 20, 2003 by the Office be withdrawn. Applicants submit that the Notice of Allowance dated August 13, 2002, (copy attached) for the above-identified application was not received by Applicants until January 24, 2003. The Notice of Allowance was received in an envelope postmarked January 13, 2003. Applicants note that the Notice of Allowance received by Applicants has a stamp stating "Received SEP-4 2002 Technology Center 2800." Applicants also note that the mailing address listed on the Notice of Allowance is not the correct correspondence address. Thus, Applicants believe that the Notice of Allowance was mailed, but returned to the Patent Office on September 4, 2002. As Applicants did not receive the Notice of Allowance until January 24, 2003 in an envelope postmarked January 13, 2003, Applicants were not able to pay the issue fee by the due date of November 13, 2002. Accordingly, Applicants respectfully request

Nov-03-03 11:33am From-Moser, Patterson & Sheridan L.L.P.

+713 623 4846

T-525 P.003/011 F-280

PATENT
Atty. Docket No. AMAT/4714.P1/TCG/WCVD/BG

mailing of a Notice of Allowance showing the correct mailing date and withdrawal of the holding of abandonment.

In support of this petition, Applicants provide enclosed written statements under 37 C.F.R. § 1.181 and a copy of a docket record for the above-identified application as Exhibit A.

Applicants do not feel that a fee is necessary at this time, but if the sum of \$130.00 is due under 37 C.F.R. § 1.17 (h), the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely and acceptable to the Deposit Account No. 20-0782/AMAT/4714.P1/KMT.

Respectfully submitted,

Keith M. Tackett

Keith M. Tackett
Registration No. 32,008
MOSER, PATTERSON & SHERIDAN, L.L.P.
3040 Post Oak Blvd., Suite 1500
Houston, TX 77056
Telephone: (713) 623-4844
Facsimile: (713) 623-4846
Attorney for Assignee

T:\Clients\APPM\4000-4999\4714.P1\PTO\Pet.Withdraw Holding of Abandonment.doc

RECEIVED**COPY**

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER OF PATENTS AND TRADEMARKS
 Washington, D.C. 20231
www.uspto.gov

NOV 03 2003

2003 JAN 22 PM 1:00

\$1F 11-13-02

TECHNOLOGY CENTER 2800
SPECIAL PROGRAM CENTER

32588 7590 08/13/2002

APPLIED MATERIALS, INC.
2881 SCOTT BLVD. M/S 2061
SANTA CLARA, CA 95050

NOTICE OF ALLOWANCE AND FEE(S) DUE

EXAMINER

ZARNEKE, DAVID

ART UNIT

CLASS-SUBCLASS

2827 438-685000

DATE MAILED: 08/13/2002

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/678,266	10/03/2000	Ming Xi	004714 POX	4642

TITLE OF INVENTION: METHOD AND APPARATUS FOR DEPOSITING REFRACTORY METAL LAYERS EMPLOYING SEQUENTIAL DEPOSITION TECHNIQUES TO FORM A NUCLEATION LAYER

Match and Return

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1280	\$0	\$1280	11/13/2002

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above. If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

B. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.

Applicant claims SMALL ENTITY status.
See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

COPY

Docket Number	004714	Name	Walter Benjamin Glenn		
Countries	United States	Attorneys	Moser, Patterson & Sheridan, L.		
Case Type	REGULAR CASE TYPE	Client ID#	Cu. PVD and Integrated System		
Related To	CONTINUATION-IN-PART	Client Owner	Applied Materials, Inc.		
Filing Type	NATIONAL CASE	Previous Owner			
Filing Number	01	AM564			
METHOD AND APPARATUS FOR DEPOSITING REFRactory METAL LAYERS BY PLATING					
Action	Action Due Date	Marker Date	Deadline Date	Completed Date	Action Notes
NOTICE OF MISSING	02/06/2001			02/06/2001	sigma
INVENTOR FILING	02/21/2001			03/08/2002	
EPC SEARCH/POSS IDS	01/15/2002			10/31/2001	
INVENTOR FILING	02/21/2002			03/08/2002	FDR
RESTRICTION	05/23/2002	05/03/2002		05/06/2002	To
ISSUE FEE DUE	11/13/2002	01/24/2003			1-24
RESPONSE TO	02/20/2003				
DECISION GRANTING				06/26/2002	W/D
REVOCATION OF				07/10/2002	PWR
SUPPLEMENTAL IDS				05/24/2002	
FILE ASSIGNMENT				10/15/2001	AS6
SUPPLEMENTAL IDS				11/08/2001	

RECEIVED

NOV 03 2003

**TECHNOLOGY CENTER 2800
SPECIAL PROGRAM CENTER**

Nov-03-03

11:35am

From-Moser, Patterson & Sheridan L.L.P.

+713 623 4846

T-525 P.006/011 F-280

COPY

PCMaster v3.03.02 - Applied Materials - [Patient]

[File] [Edit] [Records] [Links] [Tools] [Help]

Batch Number: 004714

Attorney:

Walter Benjamin Glenn

1-24-2003-This just in from Patent Office - sent to Todd, cc'd ben to contact PTO regarding late mailing of PTO docs to AMAT/SRG

Office

[View Case]
[Report]

Date	Cancel	Comments
02/06/2001		02/06/2001 signatures to MW on
02/21/2001		03/08/2002
01/15/2002		10/31/2001
02/21/2002		03/08/2002 FOR LU & LAI /DB
05/23/2002	05/03/2002	05/06/2002 To TP/SRG
11/13/2002	01/24/2003	1-24-2003-This just in
02/20/2003		
		06/26/2002 W/D BROOKS AS
		07/10/2002 PWR FILED 5/2/2002
		05/24/2002
		10/15/2001 ASG DUE TO ADD LU.
		11/08/2001

[Stand] [2-Callబ] [Buddy List] [Call-Buddy-List] [PCMaster v3.03] [Document] [Print] [Close] [Help]

RECEIVED**NOV 03 2003**TECHNOLOGY CENTER 2800
SPECIAL PROGRAM CENTER

COPYPATENT
Atty. Docket No. AMAT/4714.P1/TCG/WCDV/BQ

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Kori, et al.

Serial No.: 09/678,266

Confirmation No.: 4642

Filed: October 3, 2000

For: METHOD AND APPARATUS FOR
DEPOSITING REFRactory METAL
LAYERS EMPLOYING SEQUENTIAL
DEPOSITION TECHNIQUES TO
FORM NUCLEATION LAYER

S S S S S S S S S S S S S S S S S S Group Art Unit: 2827

S S S S S S S S S S S S S S S S S S Examiner: Zameke, David

RECEIVED

NOV 03 2003

TECHNOLoGY CENTER 2800
SPECIAL PROGRAM CENTER

CERTIFICATE OF MAILING

37 CFR 1.8

I hereby certify that this correspondence is being deposited on
02/04/03, 2003, in the United States Postal Service
as First Class Mail in an envelope addressed to:
Commissioner for Patents, Box DAC, Washington, D.C.
20231.**COPY**

Date

Signature

STATEMENT BY GAILE P. BAILEY

I, Gaile P. Bailey, am providing the following statement under 37 CFR 1.181:

I am the Docketing Administrator for Applied Materials Inc., of Santa Clara, California. I am responsible for receiving and docketing every official communication from the United States Patent and Trademark Office. As of today, I have not received a Notice of Allowance for the above-identified application other than the Notice of Allowance dated August 13, 2002 that we received on January 24, 2003 in an envelope postmarked January 13, 2003. A copy of the docket record (Exhibit A) is enclosed herewith to indicate absence of timely receipt of the Notice of Allowance.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may

Nov-03-03 11:36am From-Moser, Patterson & Sheridan L.L.P. +713 623 4846 T-525 P.008/011 F-280

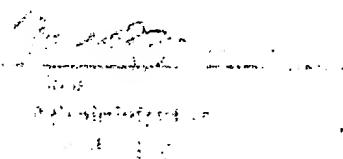
PATENT
Atty. Docket No. AMAT74714.P1/TCG/WCVD/BG

jeopardize the validity of the application, any patent issuing thereon, or any patent to which the verified statement is directed.


Gail P. Bailey
Docketing Administrator
Applied Materials, Inc.,
P.O. Box. 458
Santa Clara, California 95052

Date Signed: 2-3-2003

T:\Clients\APPM\4000-4999\4714.P1\PTO\Pet.Statement.Bailey.doc





COPYPATENT
Atty. Docket No. AMAT/4714.P1/TCGA/CV/D/BG

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Kuri, et al.

Serial No.: 09/678,266

Confirmation No.: 4642

Filed: October 3, 2000

For: METHOD AND APPARATUS FOR
DEPOSITING REFRACTORY METAL
LAYERS EMPLOYING SEQUENTIAL
DEPOSITION TECHNIQUES TO
FORM NUCLEATION LAYERBox DAC
Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

S S S S S S S S S S S S S S S S
Group Art Unit: 2827

Examiner: Zarnke, David

RECEIVED

NOV 03 2003

TECHNOLOGY CENTER 2800
SPECIAL PROGRAM CENTER

CERTIFICATE OF MAILING

37 CFR 1.8

I hereby certify that this communication was duly deposited with the United States Postal Service on 02/04/03 in an envelope addressed to: Commissioner for Patents, Box DAC, Washington, D.C. 20231.

Katja Janka

02/04/03

Date Signature

STATEMENT BY SHERI GRIFFIN

I, Sheri Griffin, am providing the following statement under 37 CFR 1.181:

I am a Patent Administrator for Applied Materials Inc., of Santa Clara, California.

My responsibility includes managing the documentations in connection with the prosecution of the above-identified application. I have searched the file jacket for the above-identified application and as of today, I have not found a Notice of Allowance for the referenced case other than the Notice of Allowance dated August 13, 2002 that we received on January 24, 2003 in an envelope postmarked January 13, 2003.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may

Nov-03-03 11:36am From-Moser, Patterson & Sheridan L.L.P.

+713 623 4846

T-525 P.010/011 F-280

PATENT
Atty. Docket No. AMA1/4714.PV1CG/WGVD/BG

jeopardize the validity of the application, any patent issuing thereon, or any patent to which the verified statement is directed.


Sheri Griffin
Patent Administrator
Applied Materials, Inc.,
P.O. Box 458
Santa Clara, California 95052

Date Signed: 1-31-2003

T:\Client\APPMM\000-1898\4714.PV1PTO\Pet.Statement.Griffin.doc

DOCKET No.: ANVST-HV-PAK-GO-0001
SERIAL No.: 09/678,266
FILED: OCT. 3, 2000

APPLICANT: FODER, INC.
INVENTOR: John, et al.

The Patent & Trademark Office acknowledges and has stamped
hereon the date of [receipt] of the items checked below which were
mailed FEB. 10, 2003.

COPY

- AFFIDAVIT
 AMENDMENT
 APPLICATION PAPERS - PATENT DECLARATION
 TOTAL CLS. 1 INcls. 1 FEES \$ 10
 SHEET(S) OF DRAWING(S) FORMAL IN FEE \$ 10
 ASSIGNMENT-RECORDAL FEE \$ 10

BRIEF

APPEL NOTICE

DECLARATION

ISSUE FEE - BASE/BALANCE

LETTER - CHARGE DEPOSIT ACCOUNT

LETTER

TRADEMARK/SERVICE MARK APPLICATION

PETITION TO ~~WYNDHAM HOTELS~~ FOR ABANDONMENT

PRELIMINARY AMENDMENT 11/27/2003 CFR 1.181

INFORMATION DISCLOSURE STATEMENT

REQUEST FOR EXTENSION OF TIME

RESPONSE TO

SPECIMENS

SMALL ENTITY

CHECK# 13990 IN THE AMOUNT OF \$ 10

EXRESS MAIL# 13990 MAIL LOG# 13990

RECEIVED

NOV 10 2003

TECHNOLOGY CENTER 2800
SPECIAL PROGRAM CENTER